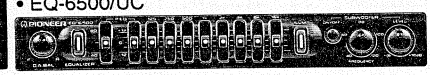
PIONEER
The Art of Entertainment

Service Manual

• EQ-6500/UC



ORDER NO.
CRT1431

GRAPHIC EQUALIZER

EQ-6500 UC, EW

EQ-4500 UC, EW

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SAFETY INFORMATION (UC MODEL)

CAUTION

This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.
Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING

Lead in solder used in this product is listed by the California Health and Welfare agency as a known reproductive toxicant which may cause birth defects or other reproductive harm (California Health & Safety Code, Section 25249.5). When servicing or handling circuit boards and other components which contain lead in solder, avoid unprotected skin contact with the solder. Also, when soldering do not inhale any smoke or fumes produced.

1. SPECIFICATIONS

• EQ-6500/UC, EQ-4500/UC

Power source ..... DC 14.4 V (10.8 — 15.6 V allowable)
Grounding system ..... Negative type
Dimensions (chassis) ..... 178(W) × 25(H) × 120(D) mm
[7(W) × 1(H) 4-3/4(D) in.]
(nose) ..... 177(W) × 24(H) × 12(D) mm
[7(W) × 1(H) × 1/2(D) in.]
Weight ..... 0.5 kg (1.1 lbs.)
Equalization frequency
(EQ-6500) ..... 40 — 80 Hz (Parametric), 125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz, 16 kHz
(EQ-4500) ..... 60 Hz, 125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz, 16 kHz
Gain ..... 0 dB
Equalization range ..... ±12 dB
Frequency response ..... 20 — 30,000 Hz (±3 dB)
Distortion ..... 0.05% (1 kHz, 500 mV)
Signal-to-noise ratio ..... 101 dB (IHF-A network)
Input impedance ..... 10 kΩ
Output impedance ..... 1 kΩ
Max. output level ..... 2 V/1 kHz, 1% THD.

Subwoofer (EQ-6500)
Crossover frequency ..... 40 — 120 Hz
Crossover slope ..... −12 dB/octave
Output gain ..... −∞ — +10 dB (L + R)
Phase switch ..... 0/180°

These specifications were determined and are presented in accordance with specification standards established by the Ad Hoc Committee of Car Stereo manufacturers.

Note:
Specifications and the design are subject to possible modification without notice due to impovements.

• EQ-6500/EW, EQ-4500/EW

Power source ..... DC 14.4 V (10.8 — 15.6 V allowable)
Grounding system ..... Negative type
Dimensions (chassis) ..... 178(W) × 25(H) × 120(D) mm
(front face) ..... 177(W) × 24(H) × 12(D) mm
Weight ..... 0.5 kg
Equalization frequency
(EQ-6500) ..... 40 — 80 Hz (Parametric), 125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz, 16 kHz
(EQ-4500) ..... 60 Hz, 125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz, 16 kHz
Gain ..... 0 dB
Equalization range ..... ±12 dB
Frequency response ..... 20 — 30,000 Hz (±3 dB)
Distortion ..... 0.05% (1 kHz, 500 mV)
Signal-to-noise ratio ..... 101 dB (IEC-A network)
Input impedance ..... 10 kΩ
Output impedance ..... 1 kΩ
Max. output level ..... 2 V/1 kHz, 1% THD.

Subwoofer (EQ-6500)
Crossover frequency ..... 40 — 120 Hz
Crossover slope ..... −12 dB/octave
Output gain ..... −∞ — +10 dB (L + R)
Phase switch ..... 0/180°

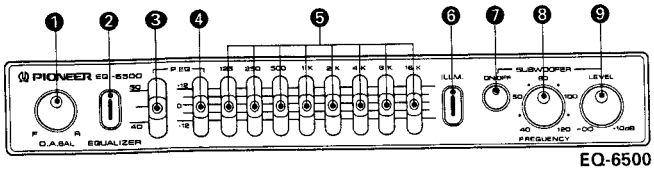
Note:
Specifications and the design are subject to possible modification without notice due to impovements.

2. FEATURES

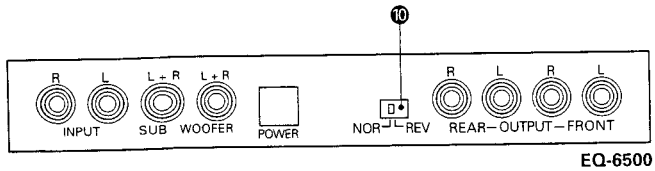
- Nine-band sliding level control for more delicate tone adjustment than usual.
- Controls for the parametric equalizer to make the best of the woofer or subwoofer used.
  (This feature is provided for the EQ-6500.)
- Output terminals for easy connection to a subwoofer with built-in crossover network circuit.
  (This feature is provided for the EQ-6500.)
- Dual amp. balancer for adjustment of volumes of the front and rear speakers.
- The front panel illumination color can be switched between green and amber instantly (Dual illumination).

Important (UC MODEL)
The serial number of this device is located on the bottom of the unit. For your own security and convenience, be sure to record this number on the enclosed warranty card.

3. CONTROLS AND THEIR USE



EQ-6500



EQ-6500

EQ-6500

❶ Dual Amp Balancer
Allows you to adjust the balance between the front and rear speakers. Turning the balancer left decreases the volume of the rear speakers until sound can only be heard from the front speaker. Turning the balancer right decreases the volume of the front speakers until sound can only be heard from the rear speaker.

❷ Equalization Switch
Press this button, and ❸, ❹, and ❺ lever indicators will illuminate and the equalizer control function will activate.

❸ Parametric Frequency Control
Use this control to change heavy bass frequency when operating the parametric equalizer. The control allows to choose your desired frequency from between 40 Hz and 80 Hz according to the type of speakers and the piece of music listened to.

❹ Parametric Level Control
Use this control to adjust the level of the heavy bass frequency sound chosen with the Parametric Frequency Control ❸.

❺ Equalizer Control
Sliding vertically allows creation of a desired sound.

❻ Illumination Color Change
To change illumination color, press the button Illumination Color Change. Pressing allows change from green to amber and vice versa.

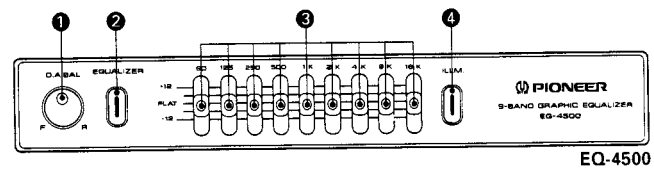
❼ Subwoofer Switch
Pressing this button operates the subwoofer function.
(The subwoofer indicator will light.)

❽ Crossover Frequency Control
Allows to change the upper limit of crossover low range frequency for subwoofer speakers or the lower limit of crossover mid to high range frequency for other speakers. Select the best crossover frequency while listening to music according to the acoustic characteristics of both cabin and speakers.

❾ Subwoofer Level Control
Allows adjustment of the output level of the subwoofer speaker. Use this control to adjust the low range of the output.

❿ Subwoofer Phase Switch
Allows switching of the phase of the subwoofer speaker. Usually this switch is left in the NOR (normal) position. Set to the REV (reverse phase) position to switch the phase to accommodate for speaker position and music type.

- To adjust ❶, ❽ and ❾, push this button once to make it pop up. After making the desired adjustments, push the button again to return it to its original position.
- Controls ❼, ❽, ❾ and ❿ operate when the subwoofer system is connected.
- If your car stereo has a fader control, set it to the center position.
- Changes in low pitched sounds may not be discernible even when the 40 to 80 Hz frequency level is adjusted if the program source does not include components in the 40 to 80 Hz vicinity or if the small diameter speakers are used.
- Changes in high pitched sounds may not be discernible even when the 16 kHz frequency level is adjusted if the program source does not include components in the 16 kHz vicinity.



EQ-4500

EQ-4500

❶ Dual Amp Balancer
Allows you to adjust the balance between the front and rear speakers. Turning the balancer left decreases the volume of the rear speakers until sound can only be heard from the front speaker. Turning the balancer right decreases the volume of the front speakers until sound can only be heard from the rear speaker.

❷ Equalization Switch
Press to activate the equalizer control function and illuminate the indicator on the equalizer control lever.

❸ Equalizer Control
Sliding vertically allows creation of a desired sound.

❹ Illumination Color Change
To change illumination color, press the button Illumination Color Change. Pressing allows change from green to amber and vice versa.

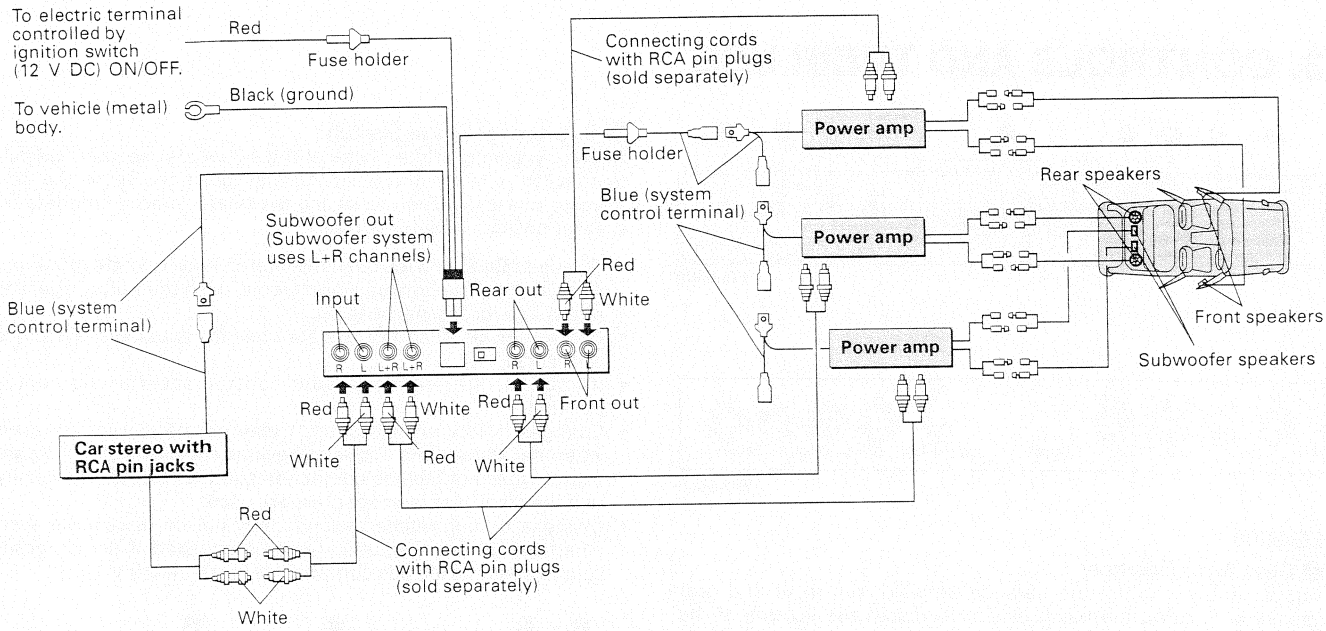
- To adjust ❶, push this button once to make it pop up. After making the desired adjustment, push the button again to return it to its original position.
- If your car stereo has a fader control, set it to the center position.
- Changes in low pitched sounds may not be discernible even when the 60 Hz frequency level is adjusted if the program source does not include components in the 60 Hz vicinity or if the small diameter speakers are used.
- Changes in high pitched sounds may not be discernible even when the 16 kHz frequency level is adjusted if the program source does not include components in the 16 kHz vicinity.

4. CONNECTING THE UNITS

- Before making fincal connections, make temporary connections then operate the unit to check for any connecting cord problems.
- Refer to the owner's manual for details on connecting the unit to the RCA pin jacks of a car stereo or to a power amplifier, then make connections correctly.
- This unit can only be connected to a car stereo with RCA pin jacks.

4-speaker system + Subwoofer (EQ-6500)

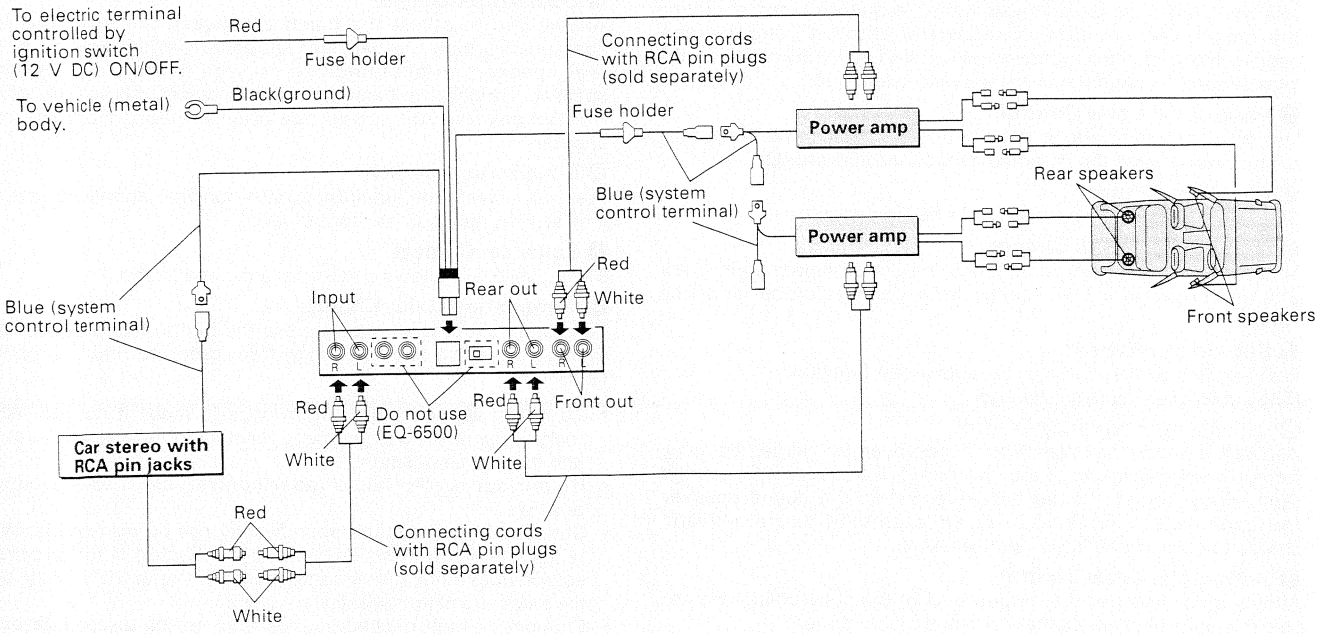
- Be sure to use this system with the subwoofer switch "ON".



4-speaker system

EQ-6500

- Be sure to use this system with the subwoofer switch "OFF".



5. ELECTRICAL PARTS LIST

NOTE:

- *Parts whose parts numbers are omitted are subject to being not supplied.*
- *The part numbers shown below indicate chip components.*

Chip Resistor

RS1/□S□□□J,RS1/□□S□□□J

Chip Capacitor (except for CQS.....)

CKS....., CCS....., CSZS.....

●EQ-6500/UC,EW

Unit Number :
Unit Name : Amp Unit

MISCELLANEOUS

====== Circuit Symbol & No. =======	Part Name	Part No.
IC 1		CWV1030
IC 2		AFE436F002X2
IC 3 7		TC4066BP
IC 4 5 6 8 9 10 11		UPC4570HA
IC 12		M51957BL
Q 1 2 3 4 5 8 9		DTC124TL
Q 6 7		2SC1740SLN
Q 10		2SD1859
Q 12 13		2SB1243
Q 14 16		2SC4038
Q 15		2SD2005
Q 17 18		DTA144TL
D 1		HZS9LA1
D 2		HZS7LB3
D 3 5 11		ERA15-02VH
D 4		HZS7B3
D 9 10		1SS133
D 7		HZS7A3
D 8		HZS11LA3
L 1 2	Ferri-Inductor	CTF1007
L 3	Choke Coil	CTH1016
SW 1	Switch (Subwoofer Phase Switch)	CZS2023
VR 3	Volume (Crossover Frequency Control)	CZC2043
VR 4	Volume (Dual Amp Balancer)	CZC2042
VR 5	Volume (Subwoofer Level Control)	CZC2041

RESISTORS

====== Circuit Symbol & No. =======	Part Name	Part No.
R 1 2 45 46 53 54		RS1/10S682J
R 3 4 33 34 73 74 75 77 78 80		RS1/10S472J
R 5 6 7 8 13 14 15 16 17 18		RS1/10S103J
R 9 10		RS1/10S333J
R 11 12 27 28 29 30 96 99 105		RS1/10S222J
R 19 20 21 22 25 26 31 32 35 36		RS1/10S103J
R 37 38 39 40		RS1/10S332J
R 41 42 61 63 64 65 66 68 93 95		RS1/10S103J
R 43 44 51 52		RS1/10S153J
R 47 48 55 56 70 101 103 104		RS1/10S223J
R 49 50 57 58		RS1/10S821J
R 59 60 94 106 108 109		RS1/10S102J
R 62		RS1/10S822J
R 67		RS1/10S752J
R 69		RS1/10S561J
R 71 72		RS1/10S473J
R 76 79		RS1/10S332J
R 81 82 83 84 100		RS1/10S472J
R 85 86		RS1/10S391J
R 89		RD1/4PS332JL
R 90 91 92		RD1/4PS222JL
R 98		RS1/10S103J
R 102 107		RS1/10S222J

CAPACITORS

====== Circuit Symbol & No. =======	Part Name	Part No.
C 1 2 49		CKSQYB821K50
C 3 4 5 6 11 12 13 14 17 18		CEA100M16L2
C 7 8 15 16 27 28 29 30		CCSQCH330J50
C 9 10		CEA220M16L2
C 19 20 23 24		CQFA334J50L
C 21 22 25 26		CQFA274J50L
C 31 32 33 34 37 47		CEA100M16L2
C 35 36		CKSQYB102K50
C 38 40 42		CEA221M10L2
C 39		CEA101M10L2
C 41 44		CEA471M10L2
C 43		CEA470M10L2
C 45		CZC2010
C 46	2200 μF/16V	CZC2013
C 48		CEA4R7M35L2
C 50 52 53		CEA331M16L2
C 51		CEA471M10L2
C 54 55		CEA0R1M50L2

Unit Number :
Unit Name : Lamp P.C.Board Unit

MISCELLANEOUS

====== Circuit Symbol & No. =======	Part Name	Part No.
D 301 302 303 304		1SS133
D 305 306 307	LED (EQ-6500/UC)	AYBG4307K
D 305 306 307	LED (EQ-6500/EW)	AABG4307K
IL 301 302 303 307	Lamp 14V 40mA (GREEN)	CEL1207
IL 304 305 306	Lamp 14V 40mA (AMBER) (EQ-6500/UC)	CEL1191
IL 304 305 306	Lamp 14V 40mA (AMBER) (EQ-6500/EW)	CEL1208
SW301	Switch (Equalization Switch)	CZS2041
SW302	Switch (Illumination Color Change)	CZS2041
SW303	Switch (Subwoofer Switch)	CZS2041

RESISTORS

====== Circuit Symbol & No. =======	Part Name	Part No.
R 301 302 303		RD1/2PS621JL
R 304 305		RD1/4PS103JL

Unit Number : CZW3182 (EQ-6500/UC) , CZW3183 (EQ-6500/EW)
Unit Name : Volume Assy (VR2)

MISCELLANEOUS

====== Circuit Symbol & No. =======	Part Name	Part No.
D 202 203 204 205 206 207 208 209 210 211	LED (EQ-6500/UC)	AY3422K
D 202 203 204 205 206 207 208 209 210 211	LED (EQ-6500/EW)	PY3452K

●EQ-4500/UC,EW

Unit Number :
Unit Name : Amp Unit

MISCELLANEOUS

====== Circuit Symbol & No. =======	Part Name	Part No.
IC 1		CWV1030
IC 2		AFE436F002X2
IC 3		TC4066BP
IC 8 9 11		UPC4570HA
IC 12		M51957BL
Q 1 2 3 4 5		DTC124TL
Q 6		2SC1740SLN
Q 10		2SD1859
Q 12 13		2SB1243
Q 14 16		2SC4038
Q 15		2SD2005
Q 17		DTA144TL
D 1		HZS9LA1
D 2		HZS7LB3
D 3 5 11		ERA15-02VH
D 4		HZS7B3
D 7		HZS7A3
D 8		HZS11LA3
L 1 2	Ferri-Inductor	CTF1007
L 3	Choke Coil	CTH1016
VR 4	Volume (Dual Amp Balancer)	CZC2042

RESISTORS

====== Circuit Symbol & No. =======	Part Name	Part No.
R 1 2 45 46 53 54		RS1/10S682J
R 3 4 73 74 75 77 78 81 82 100		RS1/10S472J
R 5 6 7 8 13 14 15 16 17 18		RS1/10S103J
R 9 10		RS1/10S333J
R 11 12 96 99 102 105 107		RS1/10S222J
R 37 38 39 40		RS1/10S332J
R 41 42 93 95 98		RS1/10S103J
R 43 44 51 52		RS1/10S153J
R 47 48 55 56 101 103 104		RS1/10S223J
R 49 50 57 58		RS1/10S821J
R 71		RS1/10S473J
R 76		RS1/10S332J
R 85 86		RS1/10S391J
R 87 88		RS1/10S243J
R 89		RD1/4PS332JL
R 90 91 92		RD1/4PS222JL
R 94 106 108 109		RS1/10S102J

CAPACITORS

====== Circuit Symbol & No. =======	Part Name	Part No.
C 1 2 49		CCSQYB821K50
C 3 4 5 6 11 12 13 14 31 32		CEA100M16L2
C 7 8 27 28 29 30		CCSQCH330J50
C 9 10		CEA220M16L2
C 50 52 53		CEA331M16L2
C 33 34 47		CEA100M16L2
C 38		CEA221M10L2
C 39		CEA101M10L2
C 41 44		CEA471M10L2
C 43		CEA470M10L2
C 45		CZC2010
C 46	2200 μF/16V	CZC2013
C 48		CEA4R7M35L2
C 51		CEA471M10L2
C 54		CEA0R1M50L2

Unit Number :
Unit Name : Lamp P.C.Board Unit

MISCELLANEOUS

====== Circuit Symbol & No. =======	Part Name	Part No.
D 301 302		1SS133
D 305 306	LED (EQ-4500/UC)	AYBG4307K
D 305 306	LED (EQ-4500/EW)	AABG4307K
IL 301 302 307	Lamp 14V 40mA (GREEN)	CEL1207
IL 304 305	Lamp 14V 40mA (AMBER) (EQ-4500/UC)	CEL1191
IL 304 305	Lamp 14V 40mA (AMBER) (EQ-4500/EW)	CEL1208
SW301	Switch (Equalization Switch)	CZS2041
SW302	Switch (Illumination Color Change)	CZS2041

RESISTORS

====== Circuit Symbol & No. =======	Part Name	Part No.
R 301 302		RD1/2PS621JL
R 304		RD1/4PS103JL

Unit Number : CZW3184 (EQ-4500/UC) , CZW3185 (EQ-4500/EW)
Unit Name : Volume Assy (VR2)

MISCELLANEOUS

====== Circuit Symbol & No. =======	Part Name	Part No.
D 203 204 205 206 207 208 209 210 211	LED (EQ-4500/UC)	AY3422K
D 203 204 205 206 207 208 209 210 211	LED (EQ-4500/EW)	PY3452K

6. BLOCK DIAGRAM

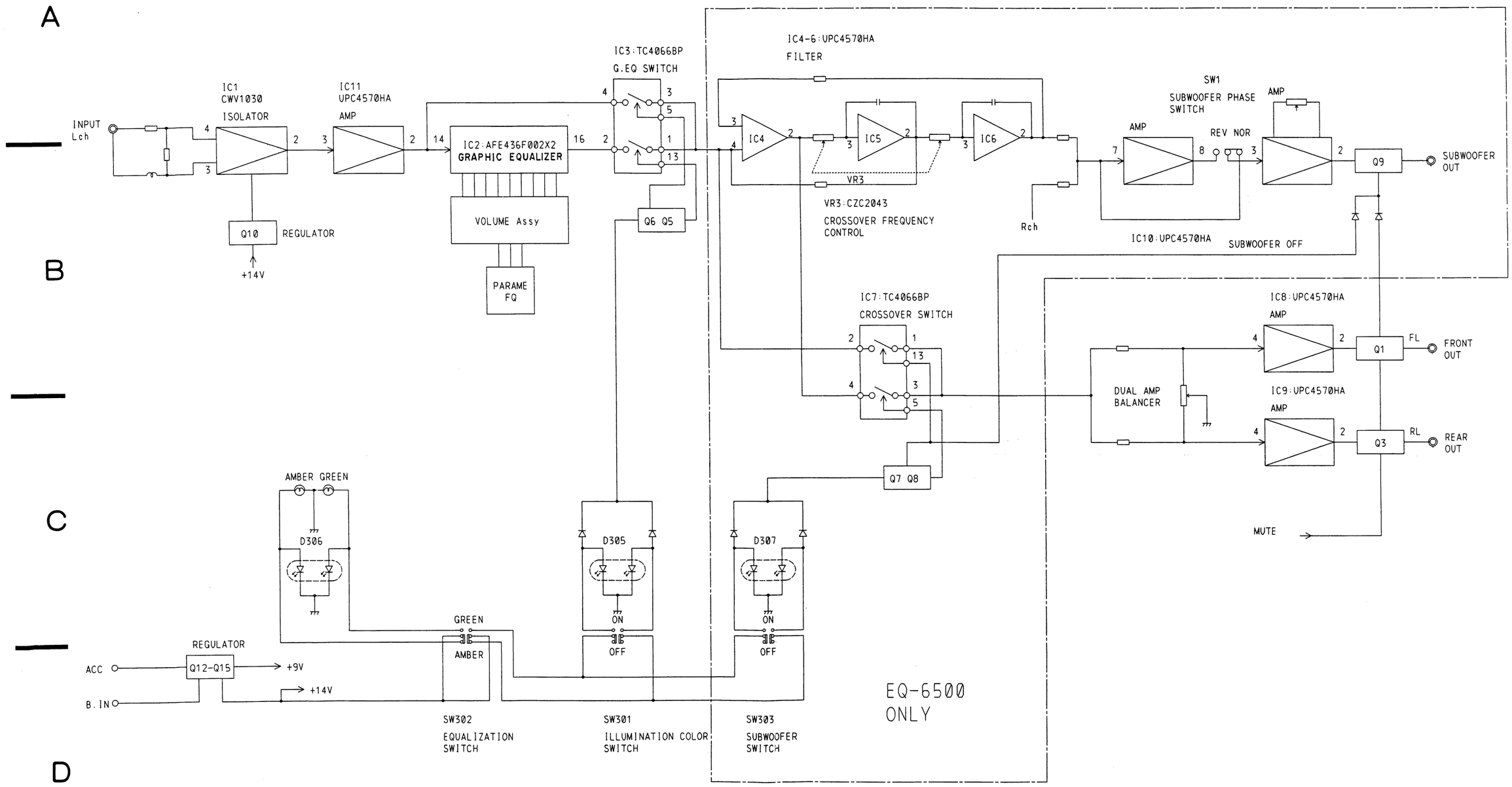
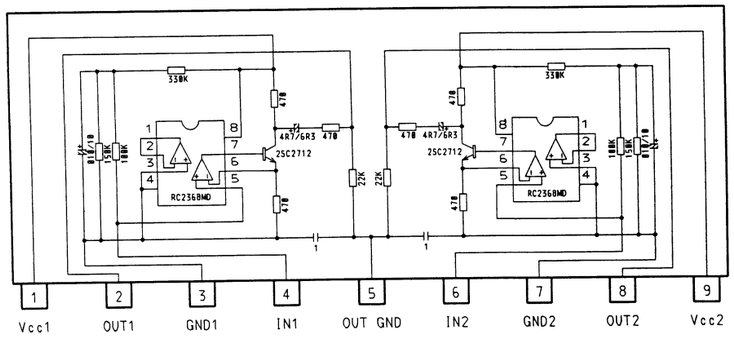


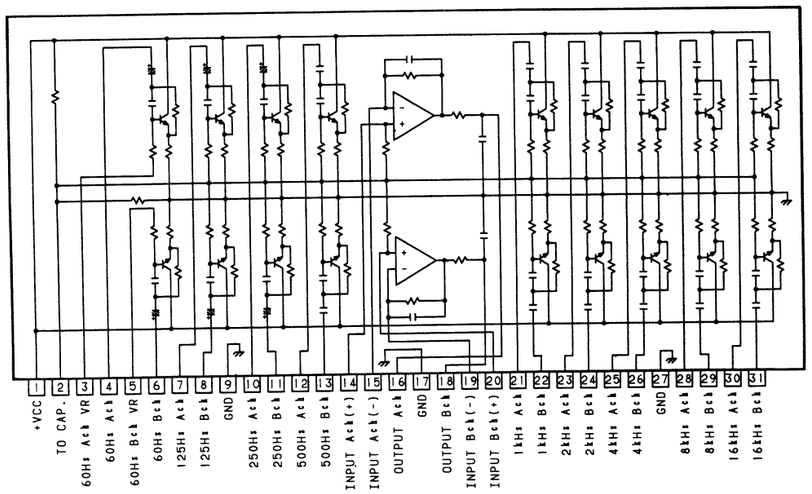
Fig. 1

•ICs

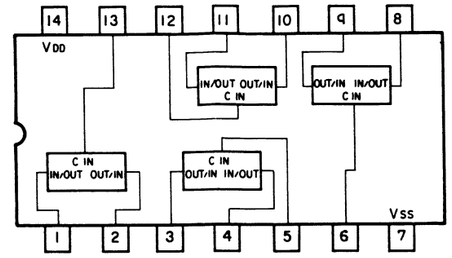
CWV1030



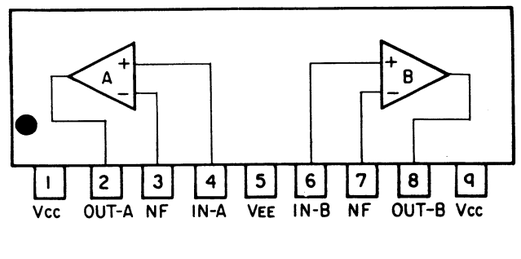
AFE436F002X1



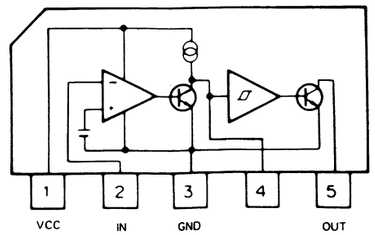
TC4066BP



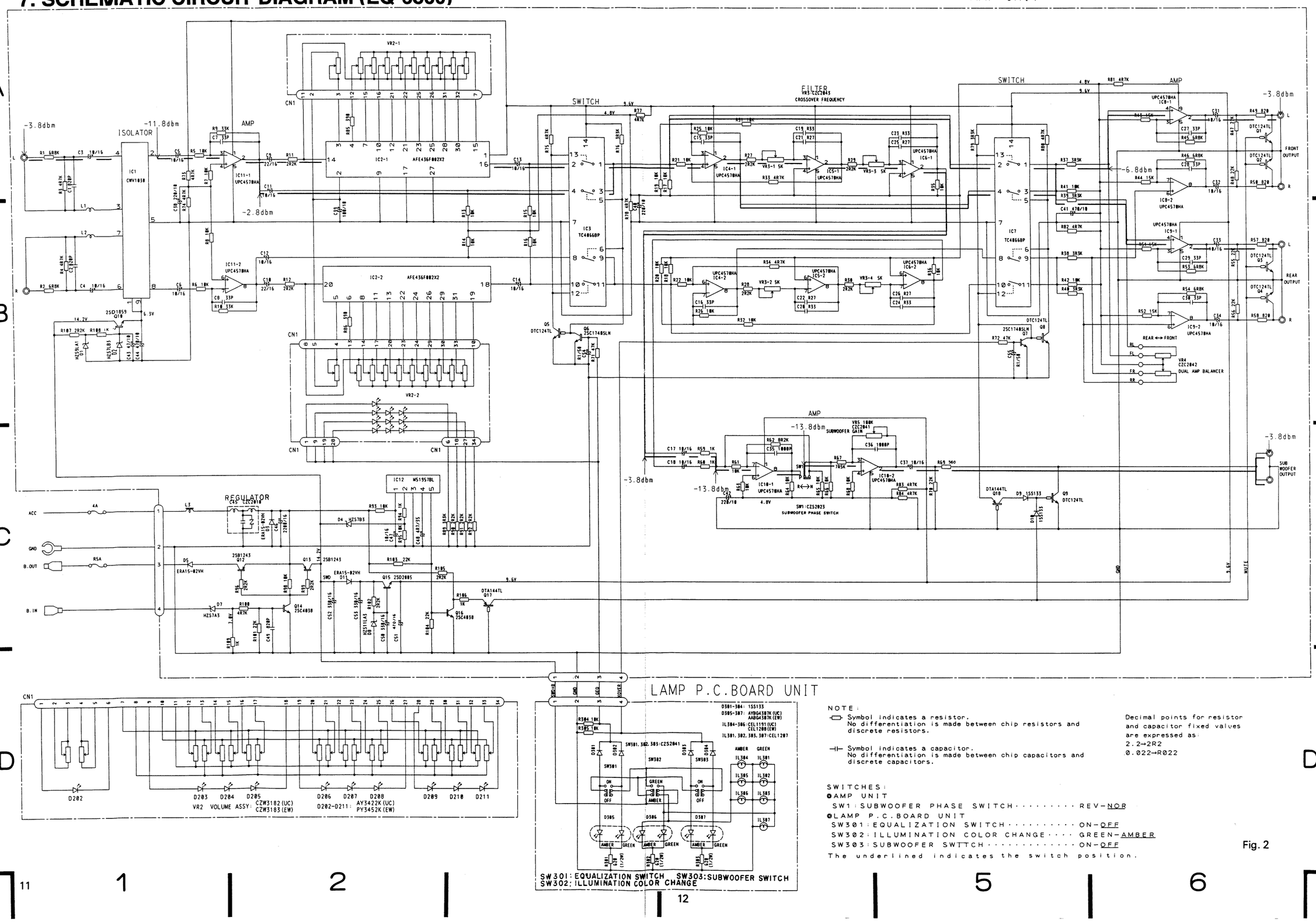
UPC4570HA



M51957BL



7. SCHEMATIC CIRCUIT DIAGRAM (EQ-6500)



NOTE:

- ⊏⊐ Symbol indicates a resistor. No differentiation is made between chip resistors and discrete resistors.
- ⊣⊢ Symbol indicates a capacitor. No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as:
2.2→2R2
0.022→R022

SWITCHES:

●AMP UNIT
SW1: SUBWOOFER PHASE SWITCH ····· REV-NOR

●LAMP P.C.BOARD UNIT
SW301: EQUALIZATION SWITCH ····· ON-OFF
SW302: ILLUMINATION COLOR CHANGE ···· GREEN-AMBER
SW303: SUBWOOFER SWITCH ····· ON-OFF

The underlined indicates the switch position.

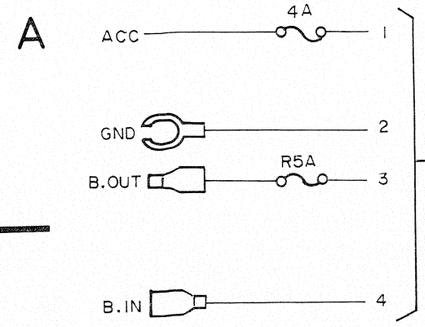
Fig. 2

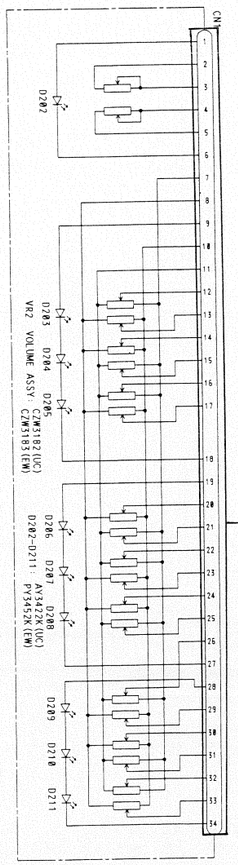
8. CONNECTION DIAGRAM (EQ-6500)

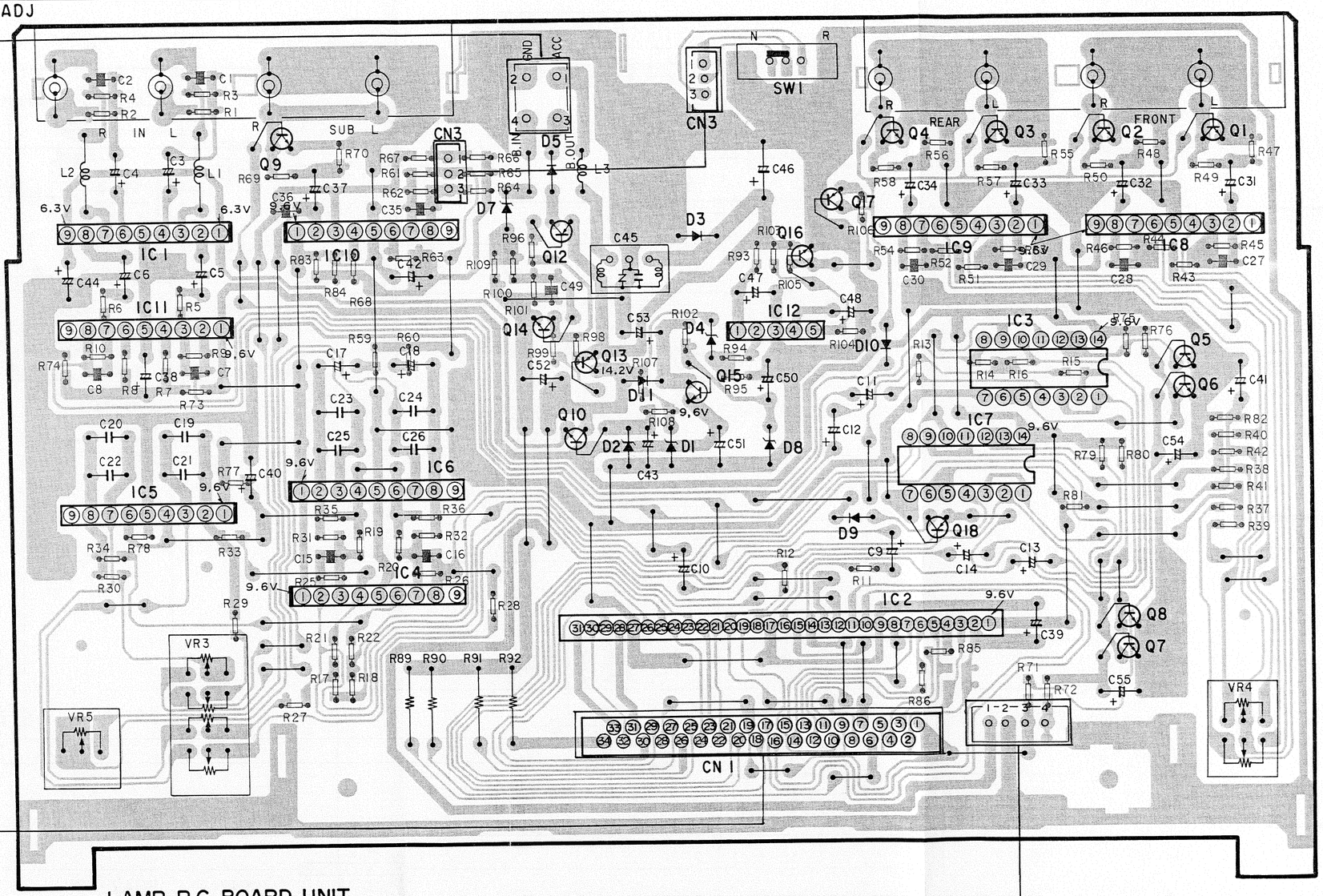
AMP UNIT

IC.Q IC1 IC11 IC5 Q9 IC10 IC6 IC4 Q12 Q13 Q14 Q10 Q15 IC12 Q16 Q17 Q4 IC9 Q3 Q18 IC7 IC3 Q2 Q7 Q8 IC8 Q1 Q5 Q6

ADJ







LAMP P.C. BOARD UNIT

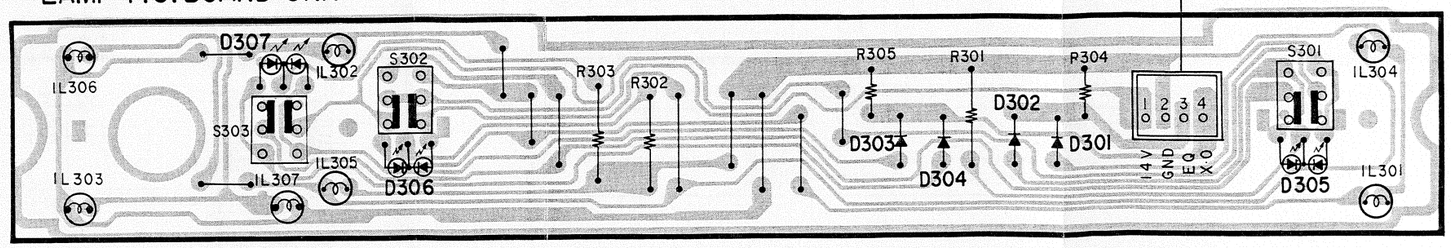
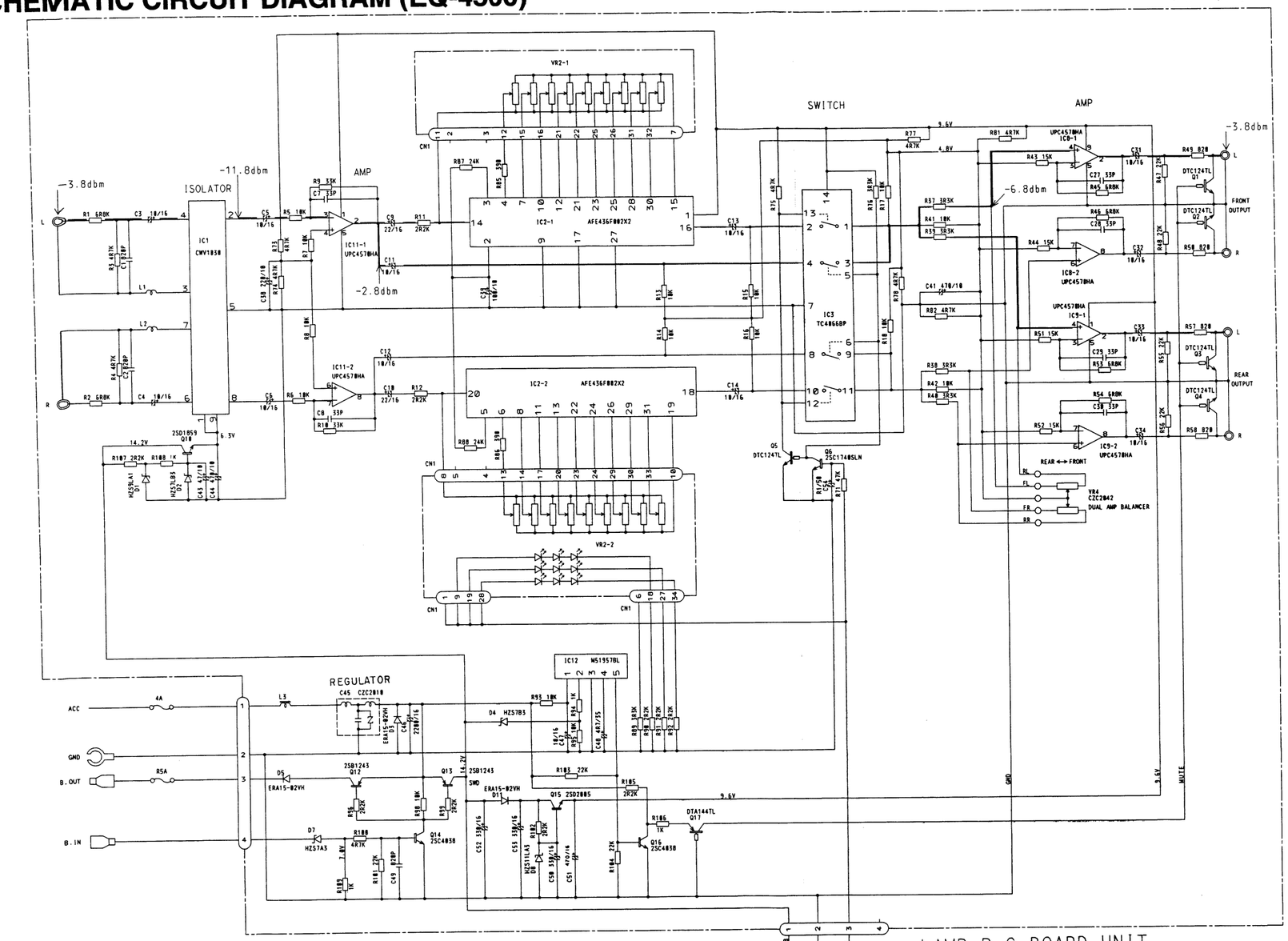
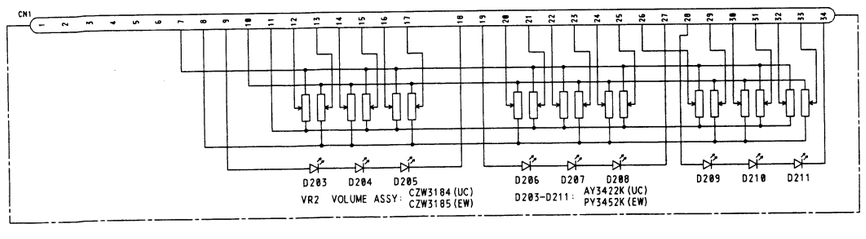


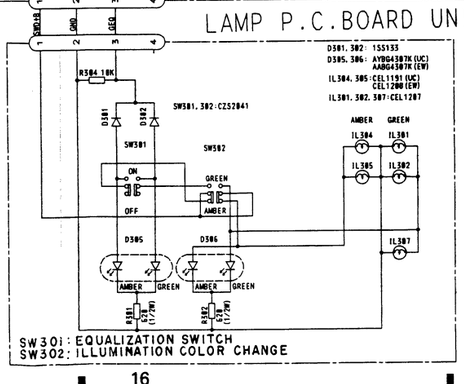
Fig. 3

9. SCHEMATIC CIRCUIT DIAGRAM (EQ-4500)

AMP UNIT







NOTE:

⊏⊐ Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.

⊣⊢ Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.

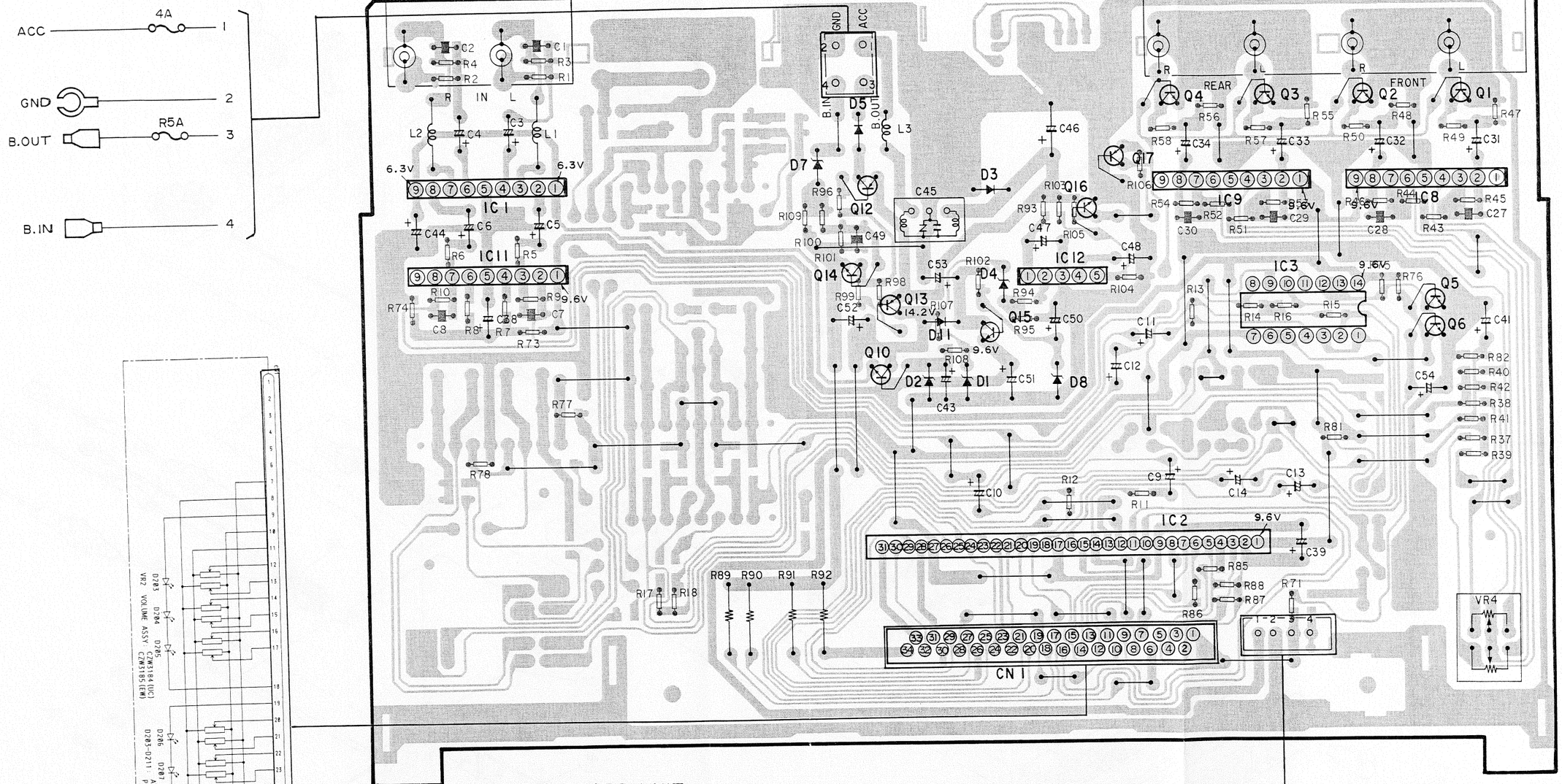
Decimal points for resistor and capacitor fixed values are expressed as:
2.2→2R2
0.022→R022

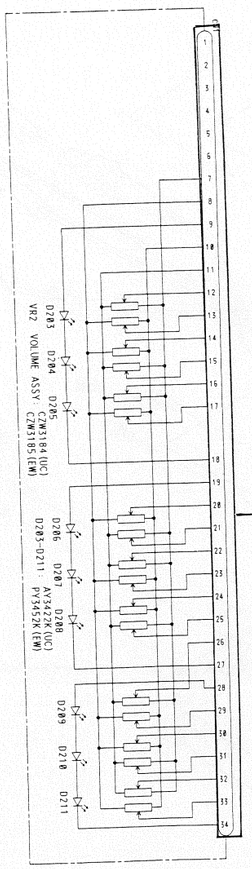
SWITCHES:
●LAMP P.C.BOARD UNIT
SW301: EQUALIZATION SWITCH ····· ON-OFF
SW302: ILLUMINATION COLOR CHANGE···· GREEN-AMBER
The underlined indicates the switch position.

Fig. 4

10. CONNECTION DIAGRAM (EQ-4500)

AMP UNIT





11. EXPLODED VIEW

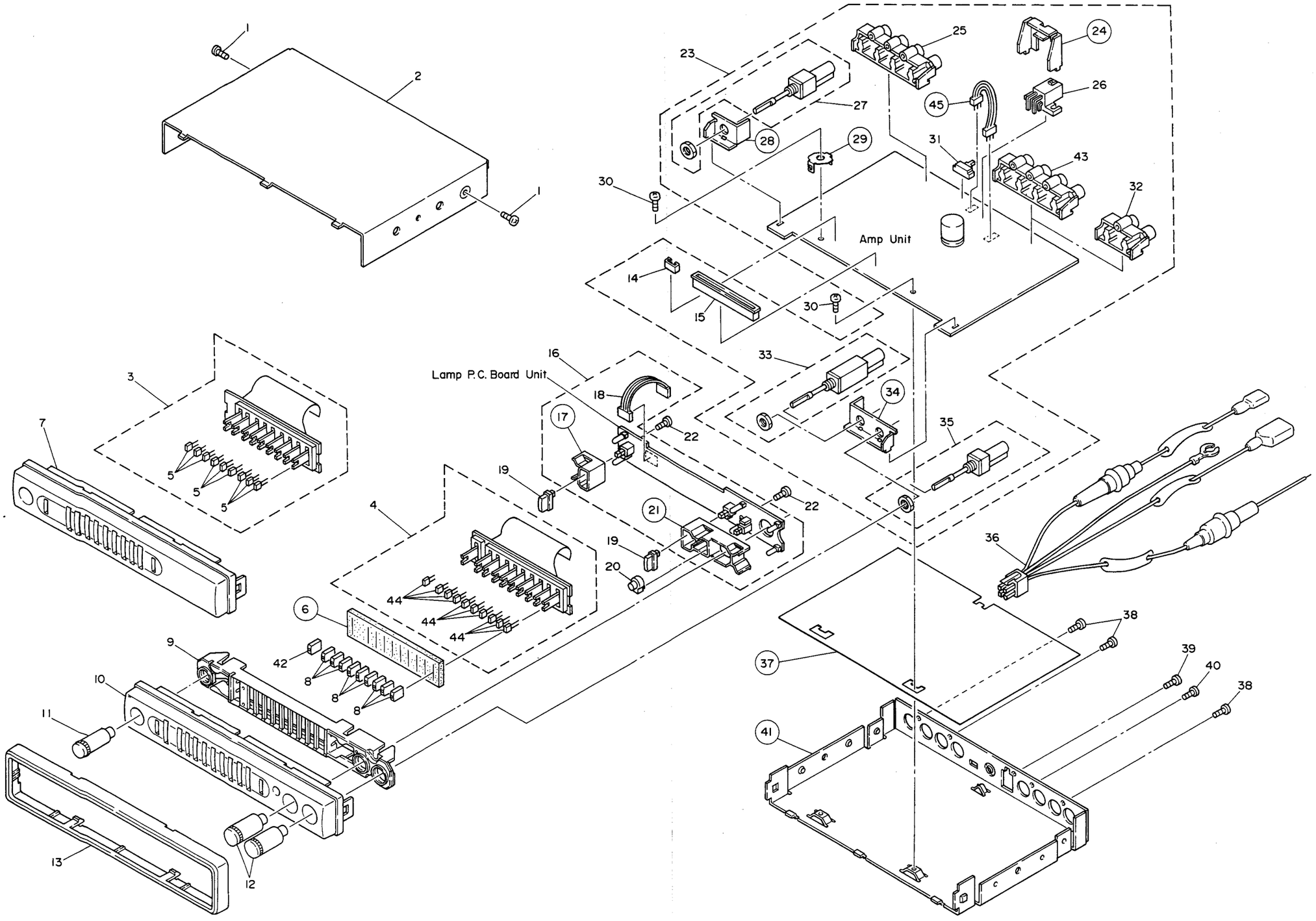


Fig. 6

•Parts List

NOTE:

- *The parts marked with "◉" may need long time to supply and their supply is subject to refuse as the case may be.*
- *Because the parts with encircled number shown on the dismantling drawing are not spare parts, we are unable to supply them in principle.*

•EQ-6500/UC, EW

Mark No.	Description	Part No.
1	Screw	PMS30P050FZK
2	Case	CZN6091
3	·····	
4	Volume Assy(UC)	CZW3182
	Volume Assy(EW)	CZW3183
5	·····	
6	Cover	CZN6117
7	·····	
8	Knob	CZA3169
9	Lens	CZN6090
10	Grille Silk Assy(UC)	CZX3109
	Grille Silk Assy(EW)	CZX3111
11	Knob	CZA3170
12	Knob	CZA3171
13	Panel	CZN6097
14	Plug(4P)	CKS-684
15	Plug(34P)(CN1)	CKS1457
◉ 16	Lamp P.C.Board Unit (UC)	CZW3199
	Lamp P.C.Board Unit (EW)	CZW3200
17	Holder	CZN6111
18	Connector Assy(4P)	CZD3191
19	Button	CZA3172
20	Button	CZA3173
21	Holder	CZN6110
22	Screw	PVZ17P070FMC
◉ 23	Amp Unit	CZW3188
24	Bracket	CZN6095
25	Connector(4P)	CZK2032
26	Plug(4P)	CZK2029
27	Volume(VR4)	CZC2042
28	Bracket	CZN6094
29	Holder	CNC2218
30	Screw	BMZ30P050FMC
31	Switch(SW1)	CZS2023
32	·····	
33	Volume(VR3)	CZC2043
34	Bracket	CZN6093
35	Volume(VR5)	CZC2041
36	Connector Assy(4P) (UC)	CZD3189
	Connector Assy(4P) (EW)	CZD3190
37	Insulator	CZN6096
38	Screw	BBT30P080FZK
39	Screw	BMZ30P050FZK
40	Screw	BBT30P080FZK
41	Chassis	CZN6092
42	Knob	CZA3169
43	Connector(4P)	CZK2032
44	LED(D202-D211)(UC)	AY3422K
	LED(D202-D211)(EW)	PY3452K
45	Connector Assy(3P) (CN3)	CZD3196

•EQ-4500/UC, EW

Mark	No.	Description	Part No.
	1	Screw	PMS30P050FZK
	2	Case	CZN6091
	3	Volume Assy(UC)	CZW3184
		Volume Assy(EW)	CZW3185
	4	·····	
	5	LED(D203-D211)(UC)	AY3422K
		LED(D203-D211)(EW)	PY3452K
	6	Cover	CZN6117
	7	Grille Silk Assy(UC)	CZX3113
		Grille Silk Assy(EW)	CZX3115
	8	Knob	CZA3169
	9	Lens	CZN6090
	10	·····	
	11	Knob	CZA3170
	12	·····	
	13	Panel	CZN6097
	14	Plug(4P)	CKS-684
	15	Plug(34P)(CN1)	CKS1457
◉	16	Lamp P.C.Board Unit (UC)	CZW3197
		Lamp P.C.Board Unit (EW)	CZW3198
	17	Holder	CZN6111
	18	Connector Assy(4P)	CZD3191
	19	Button	CZA3172
	20	·····	
	21	Holder	CZN6110
	22	Screw	PVZ17P070FMC
◉	23	Amp Unit	CZW3192
	24	Bracket	CZN6095
	25	Connector(4P)	CZK2033
	26	Plug(4P)	CZK2029
	27	Volume(VR4)	CZC2042
	28	Bracket	CZN6094
	29	Holder	CNC2218
	30	Screw	BMZ30P050FMC
	31	·····	
	32	Connector	CZK2024
	33-35	·····	
	36	Connector Assy(4P) (UC)	CZD3189
		Connector Assy(4P) (EW)	CZD3190
	37	Insulator	CZN6096
	38	Screw	BBT30P080FZK
	39	Screw	BMZ30P050FZK
	40	·····	
	41	Chassis	CZN6115
	42-45	·····	

12. PACKING METHOD

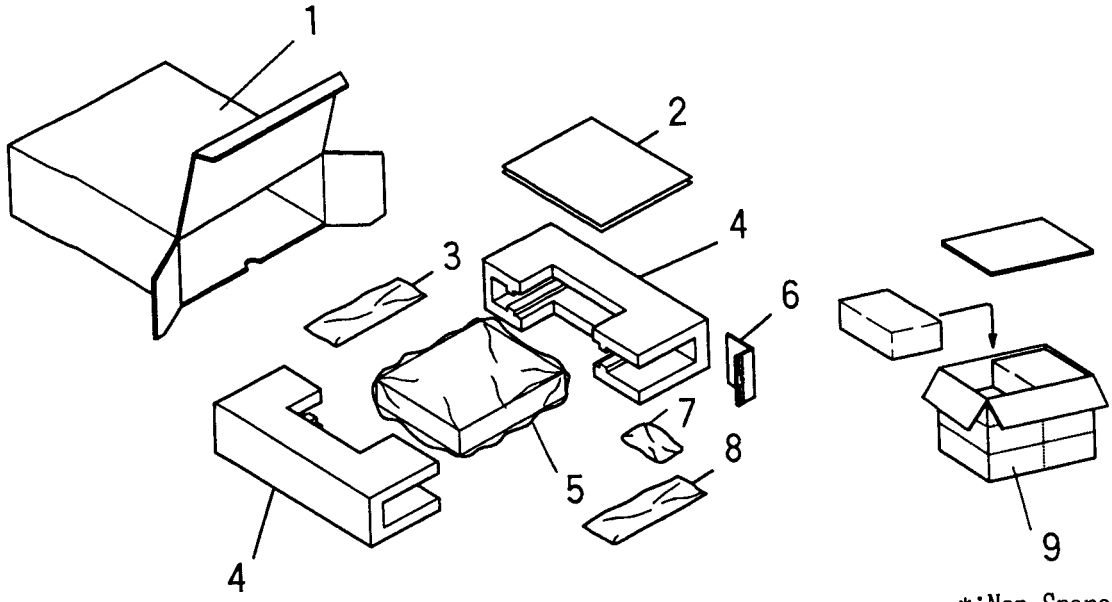


Fig. 7

•Parts List

*:Non Spare Part

Mark No.	Description	EQ-6500/UC Part No.	EQ-6500/EW Part No.	EQ-4500/UC Part No.	EQ-4500/EW Part No.
1	Carton	CZH3279	CZH3282	CZH3284	CZH3286
* 2-1	Card	ARY1048	·····	ARY1048	·····
	Card	·····	CRY-062	·····	CRY-062
2-2	Owner's Manual	CZR3114	CZR3115	CZR3114	CZR3115
3	Panel	CZN6097	CZN6097	CZN6097	CZN6097
4	Styrofoam	CZH3281	CZH3281	CZH3281	CZH3281
5	Cover	CEG-157	CEG-157	CEG-157	CEG-157
6	Mounting Bracket(×2)	CZN3208	CZN3208	CZN3208	CZN3208
7	Screw Assy	CZE2021	CZE2021	CZE2021	CZE2021
7-1	Screw(×4)	CBA-102	CBA-102	CBA-102	CBA-102
* 7-2	Polyethylene Bag	CEG-127	CEG-127	CEG-127	CEG-127
7-3	Screw(×4)	HMF40P100FZK	HMF40P100FZK	HMF40P100FZK	HMF40P100FZK
7-4	Nut(×4)	NF50FMC	NF50FMC	NF50FMC	NF50FMC
8	Connector Assy	CZD3189	CZD3190	CZD3189	CZD3190
9	Contain Box	CZH3280	·····	CZH3285	·····

* Owner's Manual

Part No.	Model	Language
CZR3114	UC	English, French
CZR3115	EW	English, French, German, Spanish Swedish, Norwegian, Dutch, Italian, Finnish